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Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application.

Listing of Claims:

1. (Withdrawn) A method for preparing a hair dermal papilla cell preparation

comprising: providing a cell suspension by removing epidermal tissue from skin tissue and

subjecting the resulting dermal tissue fraction to collagenase treatment, and cryopreserving the

cell suspension to kill the follicular epidermal cells.

2. (Withdrawn) A method according to claim 1, wherein the cryopreservation is carried

out after adjusting the cell density of the cell suspension to 1 x 10⁵ to 1 x 10⁸/ml.

3. (Withdrawn) A method according to claim 1, wherein the cryopreservation is carried

out at a temperature of -80°C or lower.

4. (Withdrawn) A method according to claim 1, wherein the cryopreservation is carried

out in liquid nitrogen.

5. (Withdrawn) A method according to claim 1, wherein the cryopreservation is carried

out for a period of 1 week or more.

6. (Withdrawn) A method according to claim 1, wherein the skin tissue is from a mouse.

7. (Withdrawn) A method according to claim 1, wherein the skin tissue is from a rat.

8. (Withdrawn) A method according to claim 1, wherein the skin tissue is from a human.

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9. (Withdrawn) A composition for regenerating hair follicles comprising hair dermal papilla cell and epidermal cells; wherein, the ratio of the number of hair dermal papilla cell to the number of epidermal cells is from 1:10 to 10:1.

- 10. (Withdrawn) A composition according to claim 9, wherein the ratio of the number of hair dermal papilla cell to the number of epidermal cells is about 1:1.
- 11. (Currently Amended) A composition for regenerating hair follieles comprising a hair dermal papilla cell preparation and epidermal eells; cells, wherein said the preparation is prepared by a method comprising:

providing skin tissue;

providing a cell-suspension by removing epidermal tissue from the skin tissue, thereby producing a dermal tissue fraction; and

subjecting the resulting dermal tissue fraction to collagenase treatment, thereby producing a cell suspension comprising hair dermal papilla cells; and

cryopreserving the cell suspension to kill the follicular epidermal cells <u>present in the cell</u> suspension, thereby producing a hair dermal papilla cell preparation; and

mixing the preparation with active epidermal cells so that, in which the ratio of the number of hair dermal papilla cell cells to the number of active epidermal cells is from 1:10 to 10:1, thereby producing the composition.

- 12. (Currently Amended) A composition according to claim 11, wherein the ratio of the number of the hair dermal papilla eell cells to the number of epidermal cells is about 1:1.
- 13. (Currently Amended) A composition according to claim 11, wherein the eryopreservation cryopreserving the cell suspension is carried out after adjusting the cell density of the cell suspension to 1 x 10⁵ to 1 x 10⁸ /ml cells/ml.

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14. (Currently Amended) A composition according to claim 11, wherein the eryopreservation cryopreserving the cell suspension is carried out at a temperature of -80°C or lower.

- 15. (Currently Amended) A composition according to claim 11, wherein the eryopreservation cryopreserving the cell suspension is carried out in liquid nitrogen.
- 16. (Currently Amended) A composition according to claim 11, wherein the eryopreservation cryopreserving the cell suspension is carried out for a period of 1 week or more.
- 17. (Withdrawn) A composition according to claim 9, wherein the hair dermal papilla cell and the epidermal cells both originate in mice, both originate in rats or both originate in humans.
- 18. (Withdrawn) A composition according to claim 9, wherein the hair dermal papilla cell and the epidermal cells are cells derived from different species, each originating in mice, rats or humans.
- 19. (Withdrawn) A composition according to claim 9, wherein the epidermal cells originate in human foreskin.
- 20. (Withdrawn) A method for regenerating hair follicles by transplanting a composition according to claim 9, to a human.
- 21. (Withdrawn) A method for regenerating hair follicles by transplanting a composition according to claim 9, to a recipient animal.

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22. (Withdrawn) A method according to claim 21, wherein the recipient animal is an immunosuppressed animal.

- 23. (Withdrawn) A method according to claim 21, wherein the recipient animal is an immunosuppressed animal selected from the group consisting of a nude mouse, SCID mouse and nude rat.
- 24. (Withdrawn) A method according to claim 20, wherein the composition is transplanted such that the amount of transplanted hair dermal papilla cell is 1.0×10^6 to 1×10^8 /cm².
- 25. (Withdrawn) A method according to claim 20, wherein the composition is transplanted such that the amount of transplanted hair dermal papilla cell is 1.0×10^7 to 1.5×10^7 /cm².
- 26. (Withdrawn) A method for regenerating hair follicles by producing a threedimensional skin equivalent containing a composition according to claim 9.
- 27. (Withdrawn) A method according to claim 26, wherein hair dermal papilla cell are contained in the three-dimensional skin equivalent in an amount of 1.0×10^6 to 1×10^8 /cm².
- 28. (Withdrawn) A method according to claim 26, wherein the hair dermal papilla cell are contained in the three-dimensional skin equivalent in an amount of 1.0×10^7 to 1.5×10^7 /cm².
- 29. (Withdrawn) A chimeric animal having reorganized hair follicles by transplanting a.composition according to claim 9, into a recipient animal.

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30. (Withdrawn) A chimeric animal according to claim 29, wherein the recipient animal is an immunosuppressed animal.

- 31. (Withdrawn) A chimeric animal according to claim 29, wherein the recipient animal is an immunosuppressed animal selected from the group consisting of a nude mouse, SCID mouse or nude rat.
- 32. (Withdrawn) A chimeric animal according to claim 29, wherein the composition is transplanted such that the amount of transplanted hair dermal papilla cell is 1.0×10^6 to 1×10^8 /cm².
- 33. (Withdrawn) A chimeric animal according to claim 29, wherein the composition is transplanted such that the amount of transplanted hair dermal papilla cell is 1.0×10^7 to 1.5×10^7 /cm².
- 34. (Withdrawn) A three-dimensional skin equivalent having reorganized hair follicles by producing a three-dimensional skin equivalent containing a composition according to claim 9.
- 35. (Withdrawn) A three-dimensional skin equivalent according to claim 34, wherein hair dermal papilla cell are contained in an amount of 1.0×10^6 to 1×10^8 /cm².
- 36. (Withdrawn) A three-dimensional skin equivalent according to claim 34, wherein hair dermal papilla cell are contained in an amount of 1.0×10^7 to 1.5×10^7 /cm².

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